

Listing of Claims

Claims 1-14 were previously cancelled.

15. (Presently Amended) An array of magnetic memory devices comprising:
 - a plurality of sense lines;
 - a plurality of pinned layers, one for each of the magnetic memory devices within the array;
 - a plurality of barrier layers, one placed between a sense layer and each pinned layer;
 - a plurality of pinning layers running generally perpendicular to the plurality of sense lines and at least partially aligned with a portion of the pinned layer; and
 - at least one magnetic sink, the magnetic sink layer extending beyond the other layers, placed in electro-magnetic communication with at least one of the magnetic memory devices within an array, to modify magnetic field effects at the boundaries of the word line, a pinned layer, and a pinning line associated with the at least one magnetic memory device.
16. (Original) The magnetic memory array according to claim 15 wherein the magnetic sink comprises at least one seed layer having a first portion adjacent which an associated pinning layer is formed, the first portion functioning as a pinned layer, and a second portion extending beyond the other layers and the first portion.
17. (Original) The magnetic memory array according to claim 15, wherein the magnetic sink comprises a soft magnetic material.
18. (Original) The magnetic memory array according to claim 15, wherein the magnetic sink extends along one of the lines formed within the array
19. (Original) The magnetic memory array according to claim 15, further comprising a conductive non-magnetic layer adjacent to the magnetic sink.

Claims 20-36 were previously cancelled.